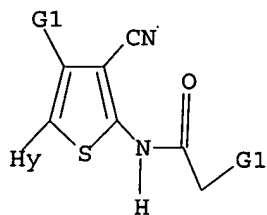


=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 H, Me, Et, n-Pr, i-Pr, n-Bu, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 08:34:31 ON 18 JAN 2005)

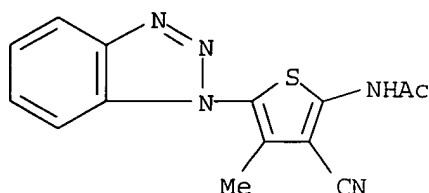
FILE 'REGISTRY' ENTERED AT 08:34:35 ON 18 JAN 2005

L1 STRUCTURE UPLOADED
L2 2 S L1
L3 56 S L1 FULL
L4 56 S L3 AND CAPLUS/LC
L5 0 S L3 AND CAOLD/LC

FILE 'CAPLUS' ENTERED AT 08:35:26 ON 18 JAN 2005

L6 3 S L3

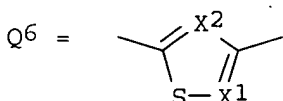
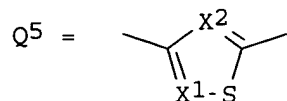
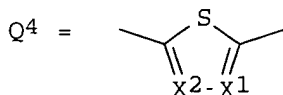
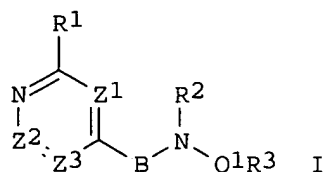
L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:805359 CAPLUS
DOCUMENT NUMBER: 138:238085
TITLE: Synthesis and biological effects of new derivatives of
benzotriazole as antimicrobial and antifungal agents
AUTHOR(S): Al-Omran, Fatima; Mohareb, Rafat M.; El-Khair, Adel
Abou
CORPORATE SOURCE: Chemistry Department, Faculty of Science, Kuwait
University, Safat, 13060, Kuwait
SOURCE: Journal of Heterocyclic Chemistry (2002), 39(5),
877-883
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:238085
AB Derivs. of 2-aminothiophene-3-carbonitrile, 2-thioxopyridine-3-
carbonitrile, 1,8-naphthyridine-2-one, thieno[2,3-b]pyridine-5-
carbonitrile and thieno[2,3-d]pyrimidine incorporating a 1H-benzotriazole
moiety or 1,3,4-thiadiazole derivs. incorporating with a
benzotriazol-1-ylmethyl group have been synthesized and tested for
antimicrobial and antifungal activities. The structures of the newly
synthesized compds. have been established on the basis of their anal. and
spectral data.
IT **501417-13-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(preparation and bactericidal and fungicidal activity of benzotriazole
derivs.)
RN 501417-13-6 CAPLUS
CN Acetamide, N-[5-(1H-benzotriazol-1-yl)-3-cyano-4-methyl-2-thienyl]- (9CI)
(CA INDEX NAME)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:412940 CAPLUS
 DOCUMENT NUMBER: 141:7105
 TITLE: Preparation of thienyl- and thiazolecarboxamides as inhibitors of ROCK, ERK, GSK, and AGC protein kinases
 INVENTOR(S): Cao, Jingrong; Gao, Huai; Green, Jeremy; Marhefka, Craig
 PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
 SOURCE: PCT Int. Appl., 222 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004041813	A1	20040521	WO 2003-US34319	20031030
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004122016	A1	20040624	US 2003-696862	20031030
PRIORITY APPLN. INFO.:			US 2002-422441P	P 20021030
			US 2003-476433P	P 20030606
			US 2003-476691P	P 20030606
			US 2003-479903P	P 20030619
OTHER SOURCE(S):		MARPAT 141:7105		
GI				



AB Title compds. [I; B = Q4, Q5, Q6; R1 = halo, cyano, NO₂, VmR; Z1, Z3 = N, CRz; Z2 = N, CR1; Rz = halo, cyano, NO₂, UnR'; R2 = UnR'; X1, X2 = CR4, N; R4 = halo, cyano, NO₂, VmR; U, V = (substituted) alkylidene optionally interrupted by NR, O, S, CS, SO, SO₂, CO₂, etc.; m, n = 0, 1; R = H, (substituted) aliphatic; R' = R, (unsatd.) (heterocyclic) mono- or bicyclic ring; Q1 = CO, SO₂, CONR, SO₂NR; R3 = Q2Ar1; R2Q1R3 = atoms to

form a cyclic group; Ar1 = (unsatd.) (heterocyclic) mono- or bicyclic ring; with provisos], were prepared Thus, 2-chloro-N-(4-pyridin-4-ylthiazol-2-yl)acetamide and N-methylaniline were stirred overnight in DMF at 70° to give 2-(methylphenylamino)-N-(4-pyridin-4-ylthiazol-2-yl)acetamide. Certain I were shown to inhibit ROCK I, ERK2, GSK3, and PKA with $K_i < 1 \mu\text{M}$.

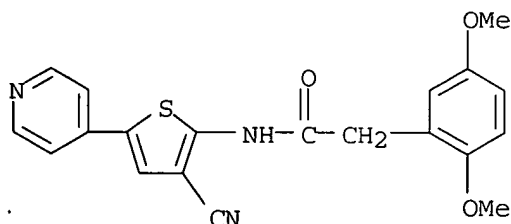
IT 692865-29-5P 692865-35-3P 692865-40-0P
 692865-45-5P 692865-50-2P 692865-55-7P
 692865-60-4P 692865-66-0P 692865-71-7P
 692865-76-2P 692865-81-9P 692865-86-4P
 692865-91-1P 692865-96-6P 692866-01-6P
 692866-06-1P 692866-10-7P 692866-16-3P
 692866-21-0P 692866-26-5P 692866-31-2P
 692866-37-8P 692866-42-5P 692866-49-2P
 692866-55-0P 692866-61-8P 692866-66-3P
 692866-72-1P 692866-78-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of thiophene- and thiazolecarboxamides as inhibitors of ROCK, ERK, GSK, and AGC protein kinases)

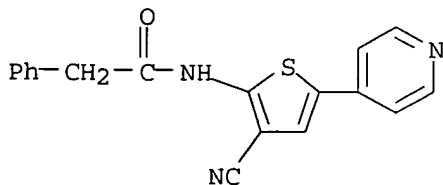
RN 692865-29-5 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2,5-dimethoxy- (9CI) (CA INDEX NAME)



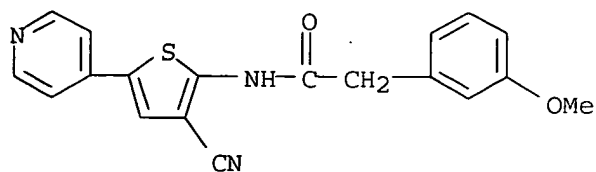
RN 692865-35-3 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA INDEX NAME)



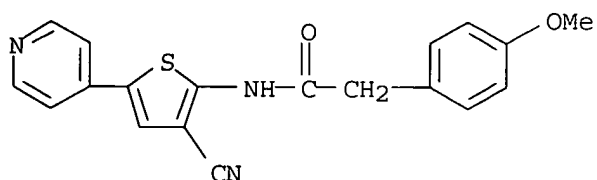
RN 692865-40-0 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-3-methoxy- (9CI) (CA INDEX NAME)



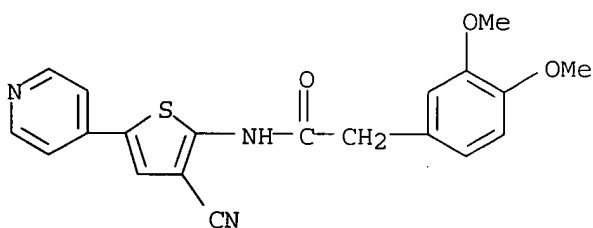
RN 692865-45-5 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-methoxy- (9CI)
(CA INDEX NAME)



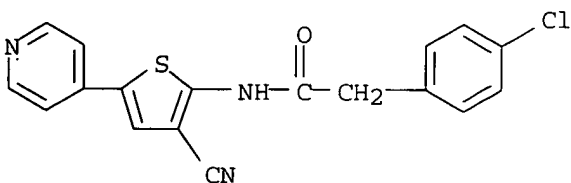
RN 692865-50-2 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-3,4-dimethoxy- (9CI)
(CA INDEX NAME)



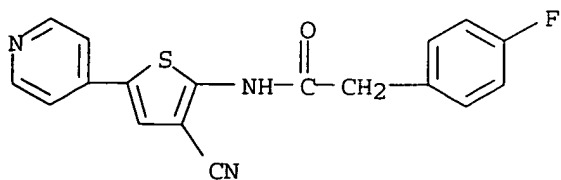
RN 692865-55-7 CAPLUS

CN Benzeneacetamide, 4-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI)
(CA INDEX NAME)



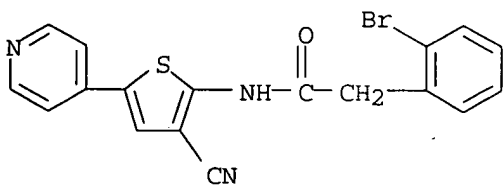
RN 692865-60-4 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-fluoro- (9CI)
(CA INDEX NAME)



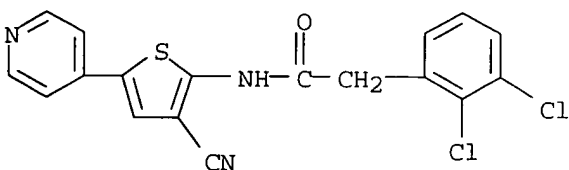
RN 692865-66-0 CAPLUS

CN Benzeneacetamide, 2-bromo-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI)
(CA INDEX NAME)



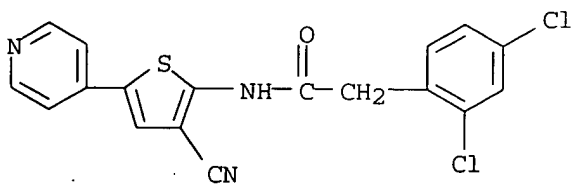
RN 692865-71-7 CAPLUS

CN Benzeneacetamide, 2,3-dichloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA INDEX NAME)



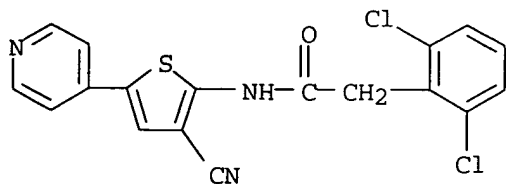
RN 692865-76-2 CAPLUS

CN Benzeneacetamide, 2,4-dichloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA INDEX NAME)



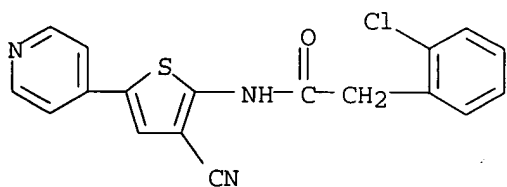
RN 692865-81-9 CAPLUS

CN Benzeneacetamide, 2,6-dichloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA INDEX NAME)



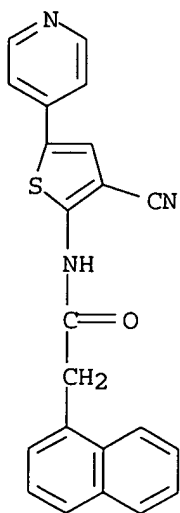
RN 692865-86-4 CAPLUS

CN Benzeneacetamide, 2-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI)
(CA INDEX NAME)



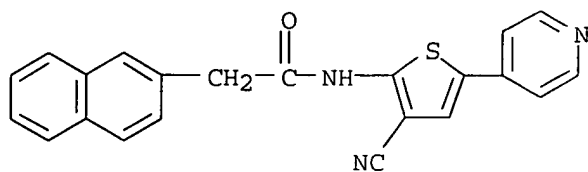
RN 692865-91-1 CAPLUS

CN 1-Naphthaleneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA
INDEX NAME)



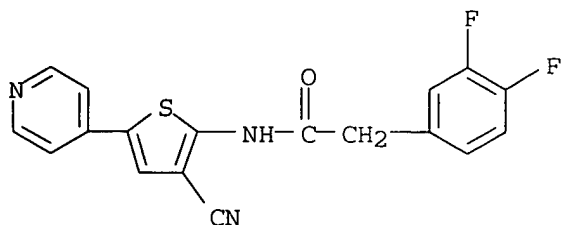
RN 692865-96-6 CAPLUS

CN 2-Naphthaleneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA
INDEX NAME)



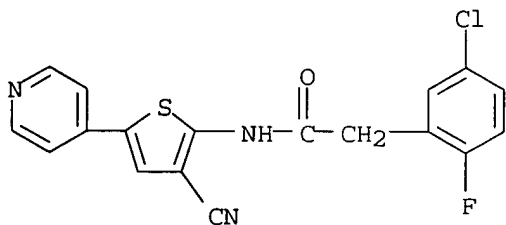
RN 692866-01-6 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-3,4-difluoro-
(9CI) (CA INDEX NAME)



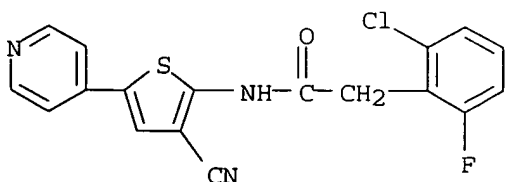
RN 692866-06-1 CAPLUS

CN Benzeneacetamide, 5-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2-fluoro-
(9CI) (CA INDEX NAME)



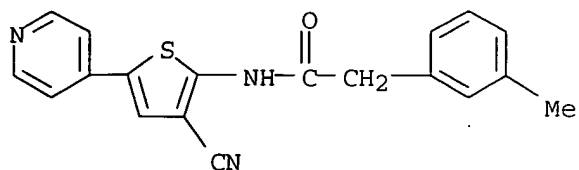
RN 692866-10-7 CAPLUS

CN Benzeneacetamide, 2-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-6-fluoro-
(9CI) (CA INDEX NAME)



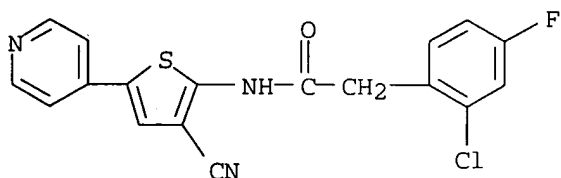
RN 692866-16-3 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-3-methyl- (9CI)
(CA INDEX NAME)



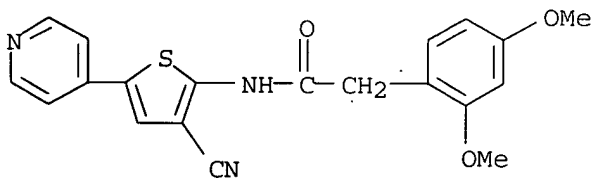
RN 692866-21-0 CAPLUS

CN Benzeneacetamide, 2-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-fluoro-
(9CI) (CA INDEX NAME)



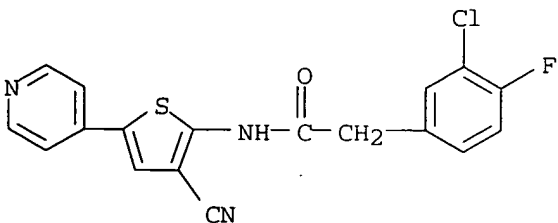
RN 692866-26-5 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2,4-dimethoxy-
(9CI) (CA INDEX NAME)



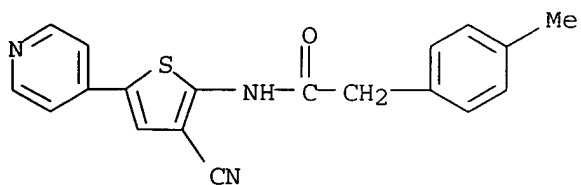
RN 692866-31-2 CAPLUS

CN Benzeneacetamide, 3-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-fluoro-
(9CI) (CA INDEX NAME)



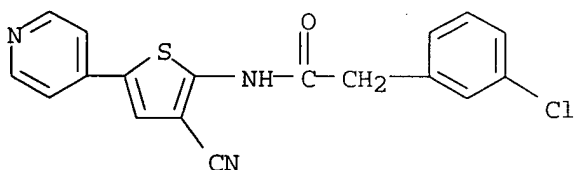
RN 692866-37-8 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-methyl- (9CI)
(CA INDEX NAME)



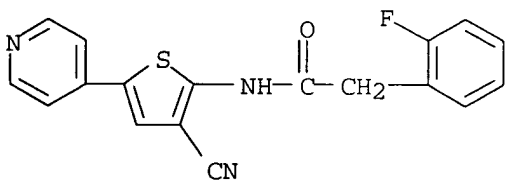
RN 692866-42-5 CAPLUS

CN Benzeneacetamide, 3-chloro-N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI)
(CA INDEX NAME)



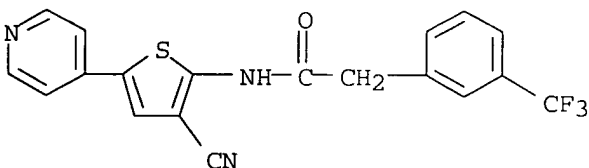
RN 692866-49-2 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2-fluoro- (9CI)
(CA INDEX NAME)



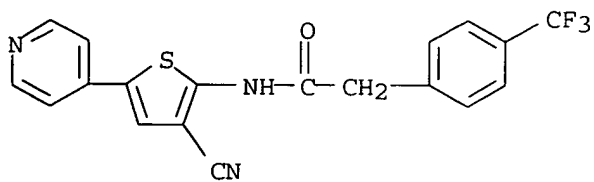
RN 692866-55-0 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



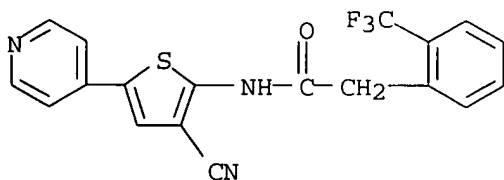
RN 692866-61-8 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



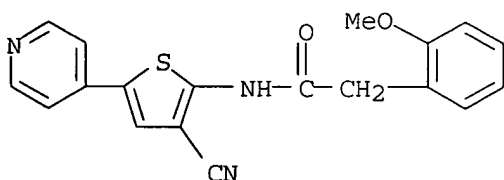
RN 692866-66-3 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



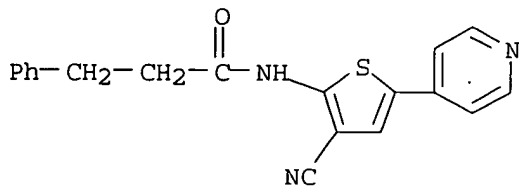
RN 692866-72-1 CAPLUS

CN Benzeneacetamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]-2-methoxy- (9CI) (CA INDEX NAME)



RN 692866-78-7 CAPLUS

CN Benzenepropanamide, N-[3-cyano-5-(4-pyridinyl)-2-thienyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT